

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-321406

(43)Date of publication of application : 03.12.1996

(51)Int.Cl.

H01C 7/04

H01C 13/00

(21)Application number : 07-179016

(71)Applicant : MITSUBISHI MATERIALS  
CORP

(22)Date of filing : 14.07.1995

(72)Inventor : OI KOJI  
YOTSUMOTO KOJI  
HIGUCHI YOSHIHIRO  
MAEDA YASUTAKA  
KOSHIMURA MASAMI

(30)Priority

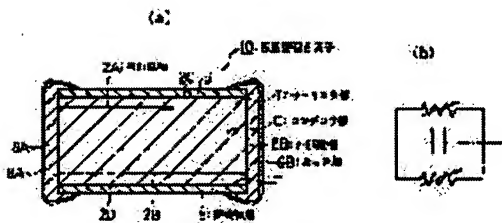
Priority number : 07 62588 Priority date : 22.03.1995 Priority country : JP

## (54) MULTILAYER COMPOSITE ELEMENT AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To provide a multilayer composite element which has less variance of electrical property or dimensional accuracy and is highly reliable and inexpensive.

CONSTITUTION: A multilayer body that a sintered body formed of dielectric ceramic (capacitor part C) and a thermistor ceramic green sheet (thermistor parts T and T) are stacked with inner electrodes 2A to 2D interposed is integrally sintered to obtain an element assembly, and outer electrodes 8A and 8B are formed on both end faces of the element assembly. Thus, the thermistor ceramic green sheet is stacked on the sintered body formed of dielectric ceramics and is integrally sintered thereafter, so that the sintered body is hardly contracted again during burning, resulting in a multilayer composite element having less variance of dimensional accuracy or electric characteristics.



BEST AVAILABLE COPY

---

## LEGAL STATUS

[Date of request for examination] 30.09.1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3254970

[Date of registration] 30.11.2001

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office